

MOULDED PART FOR CONNECTION TO A WHEEL RIM AND WHEEL RIM WHICH IS
CONNECTED TO A MOULDED PART
Docket No. 14234

CLAIM AMENDMENTS

1. (Currently amended) Shaped Object adapted for being connected with a rim at a point located inside the rim wheel {7}, having a contact surface {2} intended to rest on the rim well {7}, ~~characterized in that wherein~~ the contact surface {2} intersects each of a set of mutually parallel first planes {3} along a curved curve {5}, which is not merely an arc of a circle and whose distance from a second plane {6}, that subdivides the contact surface {2} and that extends perpendicularly to the first planes {3}, increases at least on one side of the second plane {6} with a growth rate, that decreases at least in average.
2. (Currently amended) The shaped object as defined in Claim 1, ~~characterized in that wherein~~ the growth rate decreases to a limit value as the distance of the curve {5} from the second plane {6} rises, and then remains constant as the distance continues to rise.
3. (Currently amended) The shaped object as defined in Claim 1 ~~or Claim 2~~, ~~characterized in that wherein~~ the curve {5} comprises a concave succession of curved sections {5a, 5b, 5c} the curvature of which decreases as the distance from the second plane {6} rises.
4. (Currently amended) The shaped object as defined in Claim 3, ~~characterized in that wherein~~ the curvature along the curve {5} remains constant within a curved section {5a, 5b, 5c}.
5. (Currently amended) The shaped object as defined in Claim 3 ~~or Claim 4~~, ~~characterized in that wherein~~ the differently curved sections {5a, 5b, 5c} follow each other directly, with the curvature changing abruptly between two adjacent sections.
6. (Currently amended) The shaped object as defined in ~~any of the preceding claims~~ Claim 1, ~~characterized in that wherein~~ the sections {5a, 5b, 5c} are approximately equal in length.
7. (Currently amended) The shaped object as defined in ~~any of Claims 3 to 5~~ Claim 3, ~~characterized in that wherein~~ the section {5a} which is the nearest to the second plane {6} is longer than the remaining sections {5b, 5c} which are

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approximately equal in length or become shorter as their distance from the second plane increases.

8. (Currently amended) ~~Shaped Object~~ The shaped object as defined in Claim 1, characterized in that wherein the curve {5} comprises at least one concave section having a curvature that decreases continuously as the distance from the second plane {6} rises.
9. (Currently amended) The shaped object as defined in Claim 8, ~~characterized in that wherein~~ at least on one side of the second plane {6} the curve {5} over its full length has a curvature that decreases as the distance from the second plane {6} rises.
10. (Currently amended) The shaped object as defined in ~~any of the preceding claims~~ Claim 1, characterized in that wherein the curve {5} shows the claimed shape on both sides of the second plane {6}.
11. (Currently amended) The shaped object as defined in Claim 10, ~~characterized in that wherein~~ the curve {5} extends mirror-symmetrically relative to the second plane {6}.
12. (Currently amended) The shaped object as defined in Claim 10 ~~or Claim 11, characterized in that wherein~~ two sections of each of the curve {5}, lying on different sides of the second plane {6}, have a conforming curvature and the same center of curvature.
13. (Currently amended) The shaped object as defined in ~~any of the preceding claims~~ Claim 1, characterized in that wherein the contact surface {2} extends in convex shape along the lines of intersection {11} with third planes {12} that intersect the curve {5} perpendicularly.
14. (Currently amended) The shaped object as defined in Claim 13, ~~characterized in that wherein~~ the lines of intersection {11} each have a curvature that increases from their one end to their other end.

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15. (Currently amended) The shaped object as defined in ~~claim 14~~ Claim 14, ~~characterized in that wherein~~ curvature of the lines of intersection {11} increases continuously.
16. (Currently amended) The shaped object as defined in ~~any of the preceding claims~~ Claim 1, ~~characterized in that wherein~~ it is a housing.
17. (Currently amended) The shaped object as defined in ~~any of Claims 1 to 15~~ Claim 1, ~~characterized in that wherein~~ it is a carrier or a holder for a housing.
18. (Currently amended) The shaped object as defined in Claim 16 ~~or Claim 17~~, ~~characterized in that wherein~~ the housing contains a device for measuring the pressure and/or the temperature in a pneumatic tire which is mounted on the rim.
19. (Currently amended) Rim A rim with a shaped object as defined in ~~any of the preceding claims~~ Claim 1, which has its contact surface {2} connected with the rim at a point inside the rim well {7} by a substance connection.
20. (Currently amended) Rim A rim as defined in Claim 19, ~~characterized in that wherein~~ the shaped object {1} is bonded to the rim well {7}.